



Cryonorm BV: Sustaining PED compliance with LRQA Remote



Cryonorm BV

Key facts:

Since the 1960s, Cryonorm has been at the forefront of the development and application of cryogenic vaporisers which regassify cryogenic liquids like oxygen, nitrogen, and liquefied natural gas (LNG). Cryonorm also designs and sells LNG/L-CNG fuelling stations. Today, the company has operations stretching across Europe in The Netherlands, Germany, France, and Hungary.

Customer:

Cryonorm BV

Services:

Cryogenic vaporisers, and the design and sale of LNG/L-CNG fuelling stations.

Result:

Sustained compliance with the EU Pressure Equipment Directive to ensure continuity of services.

Flexible remote inspections conducted via LRQA’s dedicated platform, LRQA Remote, have allowed Cryonorm to remain compliant and continue operations despite widespread COVID-related disruption.

Cryonorm and LRQA

Since 2003, LRQA has been working closely with Cryonorm to inspect their equipment against the EU Pressure Equipment Directive (PED). Under the PED, manufacturers like Cryonorm must ensure that their pressure equipment and assemblies meet certain essential requirements if they’re selling into the EU.

The challenge

Like most businesses, Cryonorm has been managing the impact of the COVID-19 pandemic. Despite the widespread disruption, the company has been able to maintain its operations, with manufacturing, installation, and maintenance work able to continue in line with relevant directives and regulations throughout the crisis.

“As we are a flexible company, we’re always looking for partners who can think outside the box.”

Prior to the pandemic, due to the large number of active projects that Cryonorm has going on at any given time, their facilities would typically be inspected “face-to-face” at least once per month by LRQA. Each physical inspection would involve a technical expert from LRQA travelling to the relevant site to carry out the necessary checks so that the equipment could be inspected and certified against the PED.

When nations began closing their borders and international travel shut down in early 2020, Cryonorm needed a flexible solution to maintain continuity of service to their production and operations sites in multiple European countries.



How we helped

With on-site activities not possible, LRQA supported Cryonorm with a series of remote inspections. Underpinned by an easy-to-use app – LRQA Remote – technical experts were able to virtually collaborate with Cryonorm personnel who were on-site to capture and share video, audio and images.

LRQA Remote is a purpose-built app that is certified to ISO 27001 – the global standard which defines the requirements for information security. This gives customers like Cryonorm confidence that the content and information that they share via the app is secure.

Scott Berendrecht, Project Manager at Cryonorm said “As we are a flexible company, we’re always looking for partners who can think outside the box.

This is why we work with LRQA. Services like remote PED inspection allowed us to quickly respond to the COVID crisis to keep the business moving in the right direction.”

With personnel only needing access to a tablet and an internet connection, the LRQA Remote app eliminated the need for travel, cutting hours off of the majority of inspections.

“Thanks to remote inspections from LRQA we were able to minimise the travel time normally associated with an on-site approach. What previously took an entire day can now be completed in much less time. Even though this was a quicker process, our experience remained as positive as that of an on-site inspection.”

A blended approach

For a company like Cryonorm, with complex machinery and operations, This is why we work with LRQA. Services like the future inspection strategy is likely to utilise a blended approach. This ensures that the benefits of face-to-face inspection, such as relationship building, can be retained whilst flexible, remote activities can be used to optimise the process.

Cryonorm’s Berendrecht added, “We operate a wide range of complex equipment - some of which will require on-site activities - so the future of inspection for Cryonorm is likely to utilise a blended approach. Long term, this will allow us to realise multiple benefits centred around the flexibility and convenience of remote, whilst retaining the option of on-site inspections when we deem them necessary.”

Get in touch

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